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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
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Cooperative Extension Service

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AGRICULTURAL NEWS: Ample rain this season has been generally good for corn and soybeans, but the additional moisture and cooler temperatures have kept producers concerned about disease in tobacco. Kentucky has had a month's worth of below normal temperatures and above normal rainfall. After mid-week showers, some farmers were unable to get into the fields. Days suitable for fieldwork averaged 4.6 out of a possible seven days. Farm activities last week included topping and spraying tobacco, hay harvest and preparing equipment for grain harvest. **Topsoil moisture** as of Friday, August 6, was rated 3 percent very short, 8 percent short, 69 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 1 percent very short, 10 percent short, 71 percent adequate and 18 percent surplus.

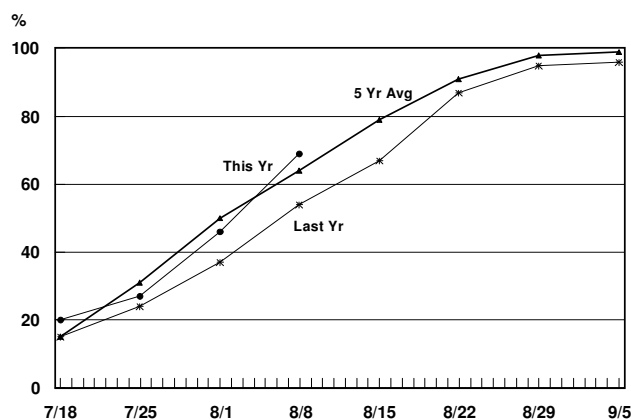
TOBACCO: Blue mold pressure appears to be heavier in the Northern and Bluegrass regions. Although most of these reporters stress that all fields are affected to some degree, the impact varies field to field. Black shank is a secondary concern at this time, compared to blue mold. Insect problems remain minimal. Some early tobacco is being cut and housed. As of Sunday, August 8, the condition of tobacco in the field was reported as 3 percent very poor, 10 percent poor, 21 percent fair, 47 percent good, and 19 percent excellent. Seventy percent of burley tobacco was blooming or beyond, compared to last year at 63 percent and the 5 year average of 78 percent. Fifty-two percent of burley tobacco was topped, compared to 41 percent a year ago and the 5 year average of 58 percent. Dark tobacco reported topped was 77 percent, compared with 70 percent for 2003 and the 5 year average at 83 percent.

CORN: Corn producers are optimistic about yields as the crop remains in mostly good to excellent condition, with 5 percent poor, 14 percent fair, 49 percent good, and 32 percent excellent. The crop is maturing quickly and as of Sunday, August 8, 45 percent of the corn was dented, significantly ahead of last year's 26 percent and the 5 year average of 32 percent. Ninety percent was in the milk stage or beyond, which was also ahead of both last year at 74 percent and the 5 year average of 84 percent. Sixty-nine percent of the corn has reached the dough stage or beyond, compared to 54 percent in 2003 and the 5 year average of 64 percent.

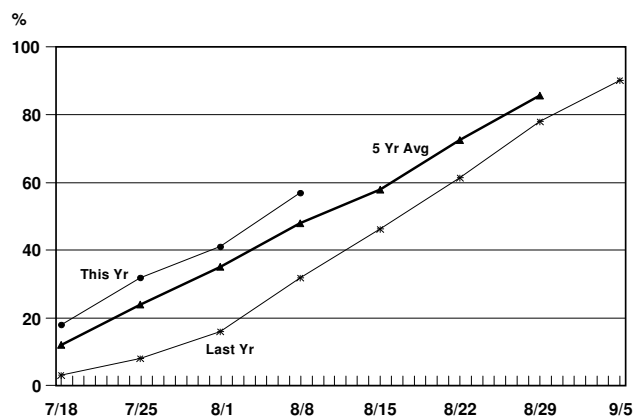
SOYBEANS: As of Sunday, August 8, 75 percent of the soybeans were blooming, the same as average, and ahead of the 63 percent a year ago. Fifty-seven percent were setting pods, compared to 48 percent for the 5-year average. Last year only 32 percent were setting pods at this time. Condition of emerged soybeans was rated 5 percent poor, 18 percent fair, 51 percent good, and 26 percent excellent.

OTHER CROPS: Pastures and hay crops across the State have benefitted from abundant moisture this summer. However, hay baling has been difficult due to rain, and quality has been reduced due to poor curing conditions. The condition of the hay crop was rated 1 percent very poor, 6 percent poor, 21 percent fair, 54 percent good, and 18 percent excellent. **Pasture** condition was rated 1 percent very poor, 4 percent poor, 16 percent fair, 55 percent good and 24 percent excellent.

CORN PERCENT DOUGH OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 8, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Blooming	75	63	75	63	84
Setting Pods	57	32	48	41	49
Corn					
Milk Stage	90	74	84	75	NA
Dough Stage	69	54	64	46	28
Dent Stage	45	26	32	20	7
Burley Tobacco					
Blooming	70	63	78	63	NA
Topped	52	41	58	36	NA
Dark Tobacco					
Topped	77	70	83	71	NA

(NA) Data Not Available.

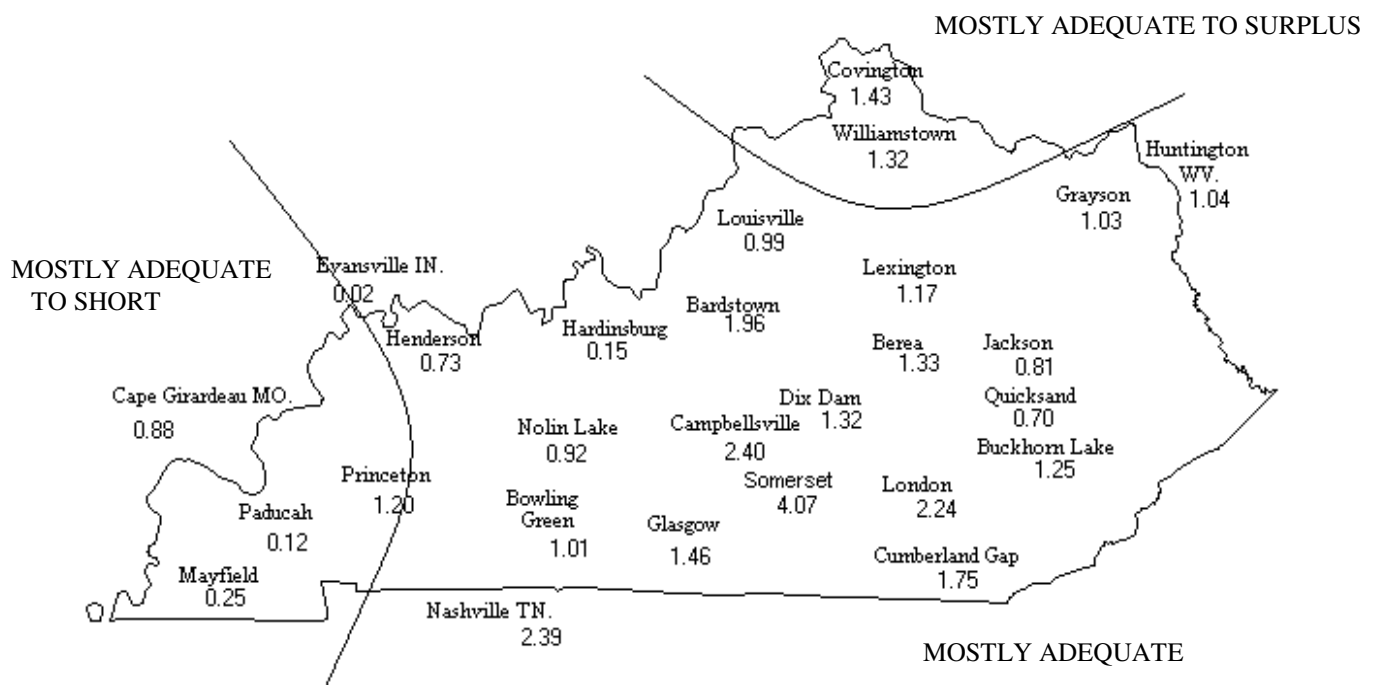
SOIL MOISTURE
WEEK ENDING AUGUST 6, 2004
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	3	1
Short	8	15
Adequate	69	76
Surplus	20	8
SUBSOIL		
Very Short	1	1
Short	10	12
Adequate	71	82
Surplus	18	5

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 6, 2004					WEEK ENDING JULY 30, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	0	5	14	49	32	1	4	15	39	41
Soybeans	0	5	18	51	26	0	3	16	48	33
Pasture	1	4	16	55	24	1	3	18	51	27
Hay Crops	1	6	21	54	18	1	6	19	52	22
Tobacco	3	10	21	47	19	4	11	23	47	15

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 8, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 6, 2004



KENTUCKY WEATHER SUMMARY, AUGUST 2 - 8, 2004:

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

The start of the workweek was warm and dry and the remainder of the week was very cool with temperatures only reaching the mid to upper 70's. Near-record low temperatures in the low 50's occurred across the State with some eastern Kentucky valley's reporting upper 40's during the latter half of the workweek. Considerable rainfall occurred during the midpoint of the workweek across central and east with western locations reporting less rainfall. It was the fourth week straight with below normal temperatures for the Commonwealth and the second week in a row with above normal rainfall.

Temperatures for the past week averaged 72 degrees across the State which was 4 degrees below normal and the same for the previous week. High temperatures averaged from 84 degrees in the West to 82 degrees in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 62 degrees in the West to 60 degrees in the East. Departure from normal low temperature ranged from 4 degrees below normal in the West to 4 degrees below normal in the East.

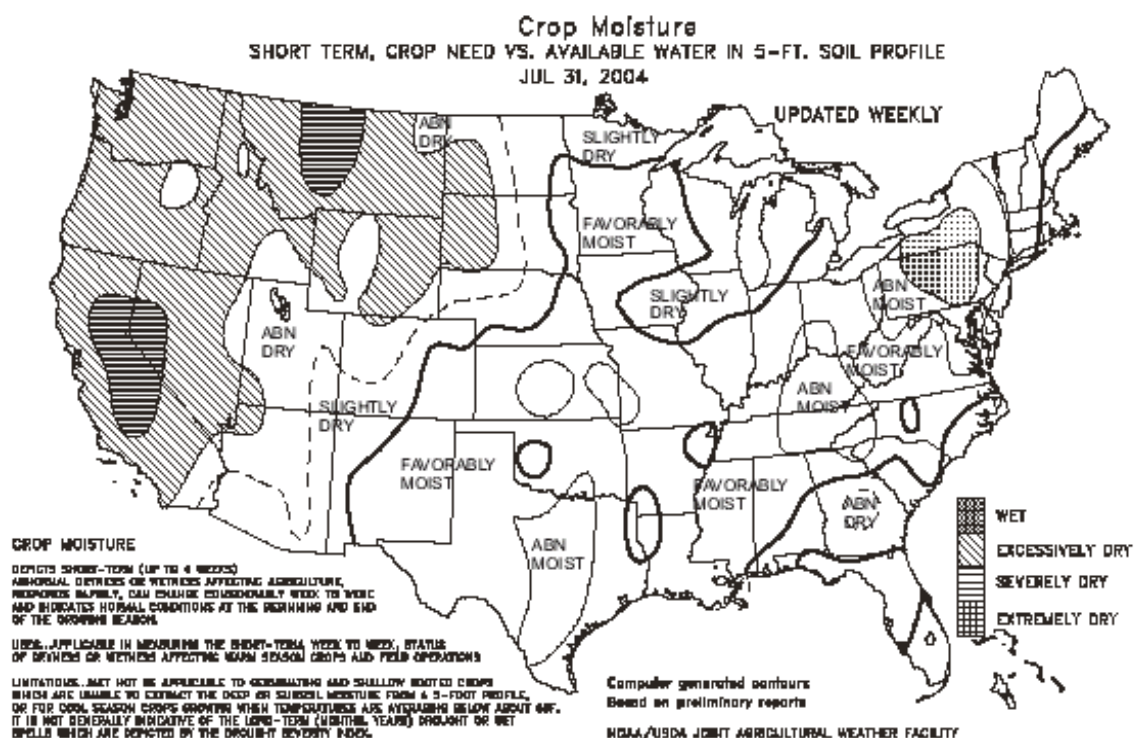
Rainfall totals for the period totaled 1.16 inches statewide which was 0.32 inches above normal. Precipitation totals by climate division, West 0.53 inches, Central 1.08 inches, Bluegrass 1.41 inches and East 1.61 inches, which was -0.26, +0.23, +0.55 and +0.74 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at Evansville to a high of 4.07 inches at Somerset.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 8, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.96	31.83	7.24	+13.81	+3.00	90	52	72.5	-3	152	2475	+122
Berea	1.33	25.60	7.85	+7.13	+3.97	88	51	71.1	-4	144	2597	+174
Bowling Green	1.01	24.64	4.34	+5.56	+0.38	90	52	72.8	-3	153	2640	+187
Bristol	0.44	19.18	5.33	+3.30	+1.72	88	47	70.3	-4	140	2395	+164
Buckhorn Lake	1.25	22.29	1.25	+4.50	-2.81	89	51	71.7	-3	148	2411	+287
Cape Girardeau	0.88	17.81	4.89	+0.28	+1.71	91	50	73.4	-4	155	2604	+20
Campbellsville	2.40	23.61	4.85	+2.97	+0.21	90	50	71.9	-4	146	2568	+175
Covington	1.43	21.86	5.47	+4.89	+1.87	87	50	70.2	-4	139	2290	+88
Cumberland Gap	1.75	17.43	1.75	-2.11	-2.77	89	51	71.7	-3	148	2468	+267
Dix Dam	1.32	25.94	5.14	+7.34	+0.93	89	52	71.5	-3	146	2496	+135
Evansville	0.02	17.98	5.14	+0.88	+1.73	90	50	72.9	-4	155	2613	+159
Glasgow	1.46	24.18	5.94	+3.62	+1.47	92	51	73.6	-2	157	2752	+389
Grayson	1.03	18.65	2.74	+1.09	-1.36	90	51	71.3	-3	144	2438	+367
Hardinsburg	0.15	21.85	1.77	+3.13	-2.28	90	52	72.8	-3	152	2575	+122
Henderson	0.73	17.43	2.38	-0.08	-1.08	90	51	72.4	-5	153	2554	+70
Huntington	1.04	16.20	2.47	-1.31	-1.73	91	51	71.6	-3	147	2463	+231
Jackson	0.81	29.67	6.29	+10.99	+1.87	87	50	70.2	-4	138	2368	+244
Lexington	1.17	29.46	7.40	+11.44	+3.16	88	51	70.6	-4	141	2371	+139
London	2.24	25.51	5.44	+8.10	+1.51	88	49	70.4	-4	140	2404	+203
Louisville	0.99	28.00	6.40	+10.27	+2.58	91	53	73.1	-2	154	2534	+72
Mayfield	0.25	12.78	1.21	-6.13	-2.68	89	51	71.7	-5	148	2504	-10
Nashville	2.39	21.79	3.37	+4.11	-0.08	93	56	75.8	+0	170	2793	+171
Nolin Lake	0.92	23.14	2.82	+3.19	-1.41	91	52	73.0	-2	154	2635	+373
Paducah	0.12	14.80	1.16	-4.25	-2.41	91	51	73.9	-3	159	2694	+141
Princeton	1.20	22.13	4.03	+3.20	+0.23	91	53	73.9	-3	160	2671	+149
Quicksand	0.70	26.10	2.60	+7.42	-1.82	89	51	71.7	-3	148	2411	+287
Somerset	4.07	23.09	6.39	+3.53	+2.22	88	49	69.3	-5	134	2391	+99
Spindletop	1.87	25.50	8.00	+7.48	+3.76	87	51	70.1	-4	139	2333	+101
Williamstown	1.32	18.59	3.74	+0.77	-0.15	87	50	70.4	-4	139	2393	+161

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>



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